## UTILITY PATENT APPLICATION

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 306.43774X00 BREDE, UWE First Inventor PYROMECHANICAL BATTERY POLE **DISCONNECT ELEMENT** Title

**TRANSMITTAL** (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Mail Stop Patent Application **APPLICATION ELEMENTS Commissioner for Patents** ADDRESS TO: P.O. Box 1450 SEE MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 1. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission 2. [] Applicant claims small entity status. fif applicable, all necessary) See 37 CFR 1.27. Computer Readable Form (CRF) b. Specification Sequence Listing on: з. 🛛 Specification [Total Pages: 6] i. . D CD-ROM or CD-R (2 copies); or (preferred arrangement set forth below) -Descriptive title of the invention ii. . D paper -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention **ACCOMPANYING APPLICATION PARTS** -Brief Summary of the Invention Assignment Papers (cover sheet & documents(s)) -Brief Description of the Drawings (if filed) -Detailed Description Power of Attorney 37 CFR 3.73(b) Statement -Claim(s) (when there is an assignee) -Abstract of the Disclosure English Translation Document (if applicable) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets: 3] Copies of IDS Citations Information Disclosure Statement (IDS)/PTO-1449 5. Oath or Declaration [Total Sheets: \_ **Preliminary Amendment** a. . Mewly executed (original or copy) Return Receipt Postcard (MPEP 503) b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for continuation/divisional with Box 18 completed) Certified Copy of Priority Document(s) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 Named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b) or its equivalent. 17. Other: Figs. 1-3, Credit Card Payment Form, Claim Application Data Sheet. See 37 CFR 1.76 For Priority Letter 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) Continuation ■ Divisional of prior application No.: Prior application information: Examiner: Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number OR Correspondence address below 020457 Name ANTONELLI, TERRY, STOUT & KRAUS, LLP Address State Zip Code City Country Telephone Fax (703) 312-6600 (703) 312-6666 Alan E. Schiavelli Registration No. (Attorney/Agent) Name (Print/Type) 32,087 April 19, 2004 Signature Date

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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for FY 2004	F	iling Da	ate		April 19, 200	April 19, 2004			
101 1 1 2004	F	First Named Inventor			BREDE, UW	BREDE, UWE			
Effective 10/01/2003. Patent fees are subject to annual revision.	E	Examiner Name							
☐ Applicant claims small entity status. See 37 CFR 1.27	Α	Art Unit							
TOTAL AMOUNT OF PAYMENT (\$) 770.00	A	ttorney	Docke	t No.	306.43774X0	306.43774X00			
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)					
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Name The Director is authorized to: (check all that apply)	1052	50	2052	·			or		
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FEE CALCULATION  1. BASIC FILING FEE	1805	1,840 1805 1,840*Requesting publication of SIR after Examiner action							
1. BASIC FILING FEE Large Entity Small Entity	1251	110	2251 55 Extension for reply within first month						
Fee Fee Fee Fee Description Fee Paid  Code (\$) Code (\$)	1252	420	2252		xtension for reply v		ith		
1001 770 2001 385 Utility filing fee 770.00	1253	950	2253			tension for reply within third month			
1002 340 2002 170 Design filing fee	1254	1,480	2254			tension for reply within fourth month			
1003 530 2003 265 Plant filing fee	1255	2,010	2255		tension for reply within fifth month				
1004 770 2004 385 Reissue filing fee	1401	330 330	2401 2402		tice of Appeal				
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			2453			ition to revive – unavoidable ition to revive – unintentional			
Fee from 1453 1,330 2453  Extra Claims below Fee Paid 1501 1,330 2501						ity issue fee (or reissue)			
Total Claims 10 -20** = 0 x 18 = 0	1502	480	2502		Design issue fee				
Indep. 1 -3** = 0 x 86 = 0	1503	640	2503		ant issue fee				
Claims	1406	130	1460		etitions to the Commissioner			ļj	
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1202 18 2202 9 Claims in excess of 20	4000	770	2000	•	• • •	perty (times number of properties)			
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809		iling a submission ( 37 CFR § 1.129(a))	ng a submission after final rejection  CFR § 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1810	770	2810			each additional invention to be mined (37 CFR § 1.129(b))			
over original patent	1801	770	2801			quest for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802			quest for expedited examination			
SUBTOTAL (2) \$ 0.00	٠	of a design application							
**or number previously paid, if greater; For Reissues, see above.			ther fee (specify)						
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SUBMITTED BY Complete (if applicable)									
	Registration No. Attorney/Agent) 32,087 Telephone 703			703-312-6	600				
Signature						Date	04/19/2004		

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